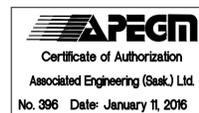
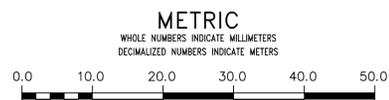


NOTES:

1. CONTRACTOR TO SALVAGE IDENTIFIED PIPE, BUTTERFLY VALVE AND FIRE HYDRANT FROM WEST SIDE. CONTRACTOR ALSO TO SALVAGE SECTION OF PCCP PIPE BETWEEN THE VALVE CHAMBER AND FIRE HYDRANT. ALL SALVAGED MATERIALS TO BE HAULED TO THE LOCATION SPECIFIED BY THE CITY OF WINNIPEG.
2. EXISTING VALVE CHAMBERS ARE TO BE ABANDONED BY REMOVING ALL PIPE, VALVES, FITTINGS AND REMOVING THE STRUCTURE 1.2 m BELOW GRADE. THE REMAINING STRUCTURE SHALL BE FILLED. THE REMAINING EXCAVATION SHALL BE BACKFILLED WITH CLASS 3 BACKFILL, TOPPED WITH 450 mm OF CLASS 4 BACKFILL.
3. PRESSURE TESTS WILL BE CONDUCTED ON THE EAST AND WEST SECTIONS INDEPENDENTLY. TEST PLUGS AND THRUST BLOCKS SHALL BE USED TO TEST EACH SECTION PRIOR TO TIE-IN TO THE EXISTING PCCP AND HDPE PIPE.
4. CONTRACTOR TO RESTORE PARK AREAS TO MATCH EXISTING GRADES, TOPSOIL AS PER CW 3540 AND HYDROMULCH AND SEED AS PER CW 3520.



WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.	
CONSTRUCTION COMPLETION DATE: YYYY MM DD	
DESIGNED BY	CL
CHECKED BY	JL
DRAWN BY	DP
APPROVED BY	JL
SCALE: HORIZONTAL 1:500	
VERTICAL	
RELEASED FOR CONSTRUCTION	
DATE	2016 01 11
DATE	
NO.	REVISIONS
	DATE
	BY

Associated Engineering

DESIGNED BY CL CHECKED BY JL

DRAWN BY DP APPROVED BY JL

SCALE: HORIZONTAL 1:500

VERTICAL

RELEASED FOR CONSTRUCTION

DATE 2016 01 11

DATE

PLOT DATE: 2016 01 11

ENGINEER'S SEAL

PROVINCE OF MANITOBA

J.S. LUEKE
Member
36827

REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NUMBER
20134376

CONTRACT NUMBER:
20134376

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

Winnipeg

**NORTH KILDONAN FEEDERMAIN
VALVE CHAMBERS AND CONNECTIONS
CIVIL SITE WORKS PLAN**

SHEET 2 OF 9

CITY DRAWING NUMBER
D-14034

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